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ABSTRACT

TRANSPARENT HARD COATS FOR OPTICAL ELEMENTS

The present invention related to an improved structure of an optically transparent element that can be used in optical scanners, supermarket scanners, lenses for eyeglasses, etc. The application of oxynitride PECVD films provide good hardness and optical transparency. Such films displaying these physical properties are extremely useful as a scratch resistant coatings in lenses and systems in which an article contacts a transparent surface, such as in scanners and in environments in which intermittent, environmental contact occurs such as in displays for computers and suchlike and in liquid crystal displays, touch displays and compact disks.

[illegible]